

US 20150141000A1

## (19) United States

# (12) Patent Application Publication YILMAZ

(10) **Pub. No.: US 2015/0141000 A1**(43) **Pub. Date:** May 21, 2015

#### (54) DEVICE TO DEVICE INTERFERENCE TRIGGERED HANDOVER

(71) Applicant: **NOKIA CORPORATION**, Espoo (FI)

(72) Inventor: Osman YILMAZ, Helsinki (FI)

(73) Assignee: NOKIA CORPORATION, Espoo (FI)

(21) Appl. No.: 14/084,247

(22) Filed: Nov. 19, 2013

#### **Publication Classification**

(51) Int. Cl.

**H04W 76/02** (2006.01) **H04W 36/00** (2006.01) (52) U.S. Cl.

CPC ...... *H04W 76/023* (2013.01); *H04W 36/0094* (2013.01); *H04W 88/06* (2013.01)

### (57) ABSTRACT

Various communication systems may benefit from properly triggered handovers. For example, certain communication systems may benefit from device-to-device interference triggered handovers. A method may include identifying, at a device, at least one strong device to device communication. The method may also include reporting, or initiating the reporting, the at least one strong device to device communication to a controlling node, wherein the controlling node is configured to control the device.

